



SSK & SSRK KYB-1A, 2, 3, 4, 5, 6, 7 & 8 Piston Kit Fitting Instructions for

Disassembly of Fork

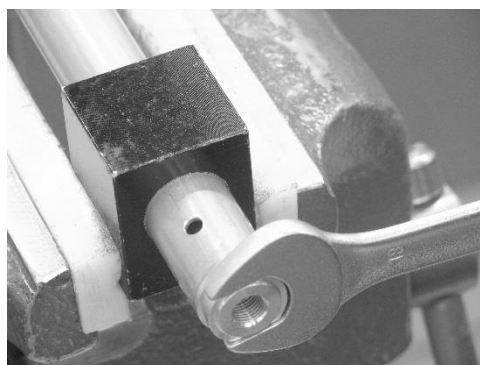
1. Remove top cap and springs from fork using Tool No:- **113-040-010**



2. Remove lower bolt from axle bracket at bottom of fork and remove damping cartridge from fork and drain oil from fork.



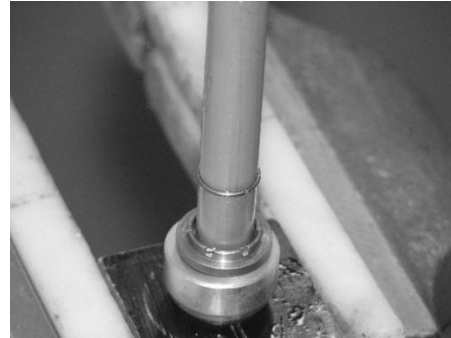
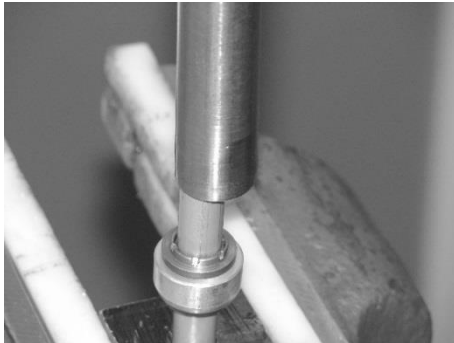
3. Clamp the cartridge tube using Tool No:- **113-070-020** and remove the base valve assembly from the bottom of the cartridge.



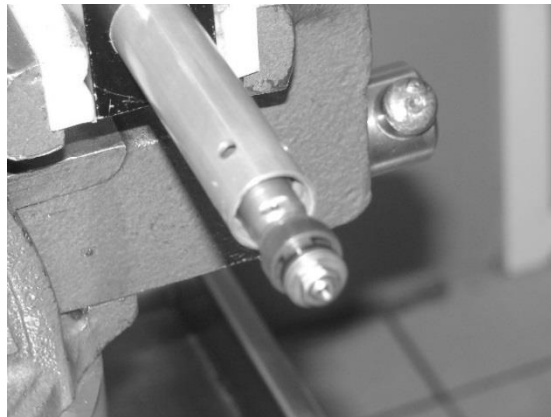


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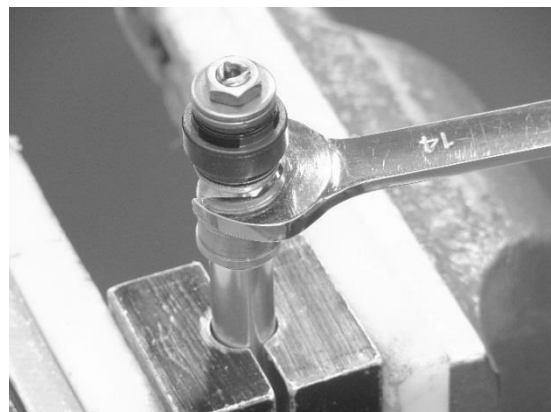
4. You can remove the piston rod from the cartridge tube by unscrewing the seal head assembly from the cartridge tube using Tool No:- **113-030-341**. If you do not have this tool you can clamp the piston rod with Tool No:- **113-050-010** or **113-050-015** and removing the hydraulic lock piston by knocking it off it's seat and removing the Circlip.



5. It is now possible to remove the piston rod from the cartridge tube by sliding it out through the bottom.



6. Using piston rod clamp Tool No:- **113-050-010** or **113-050-015** clamp the piston rod in a vice and remove the rebound piston assembly.

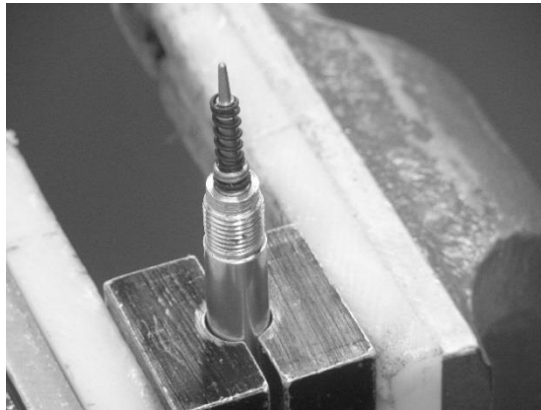




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Assembly of Fork

1. Fit the new rebound adjustment needles supplied, greasing the O-rings before installing.



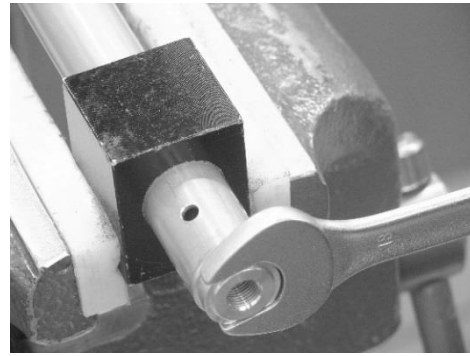
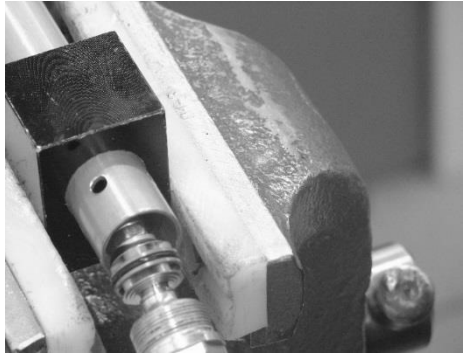
2. Fit the new rebound piston assembly to the piston rods using Loctite 243 using the piston rod clamp clamp and tighten.



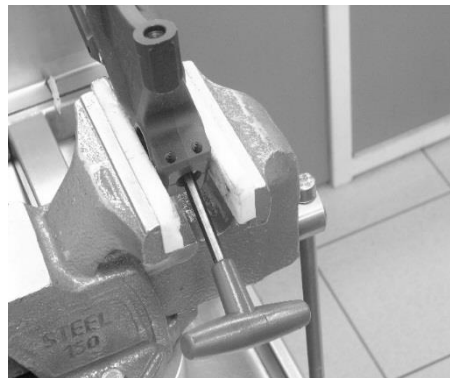


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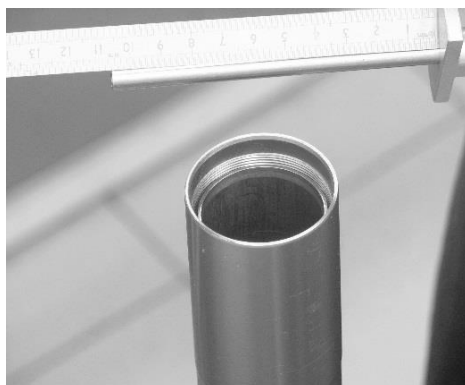
3. Fit the assembled piston rods into the cartridge tubes and fit the new compression assemblies supplied in the piston kit using Loctite 243.



4. The cartridge is now ready to refit into the fork casing using the original bottom bolt.



5. Refill the forks with oil and bleed any air out of the cartridge pumping the piston rod up and down. Set to the recommend oil level with tool Part No: 113-030-500. From Piston Kit Application Sheet



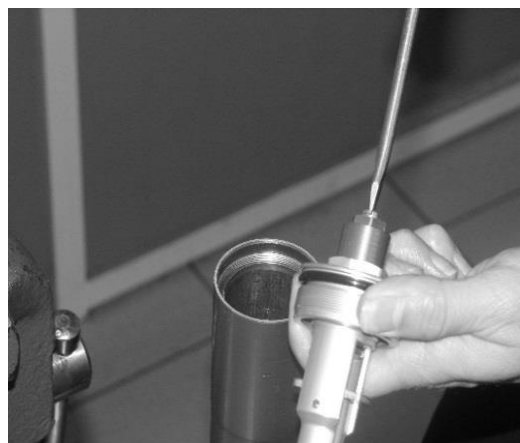


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6. Before fitting rebound adjuster rods check **Piston Kit Application Sheet** and machine the specified amount off the rebound adjuster rod (if needed).
7. Before fitting the springs and top caps make sure the top cap locking nut is screwed fully down on the piston rod clockwise.



8. Screw the rebound adjustment screw on the top cap fully anticlockwise and then back clockwise four full turns. The amount of clicks may differ from fork to fork.





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9. Refit the springs using tools Part No: 113-040-010.



10. Fit the top caps to piston rod. When the top cap seats the needle in the piston rod screw the lock nut up anticlockwise towards the top cap and tighten with spanner.

11. Pull up the outer tube up and tighten top cap

12. Set all adjusters to recommended settings on the **Piston Kit Application Sheet**.